

ABSTRACT OF THE DISCLOSURE

Sampling pipes 21 and 22 are inserted, separated from outlet openings, into first and second water softeners 4 and 11. Raw water flows through first water softener 4, and raw water does not flow through second water softener 11.

5 Once the hardness component concentration of the treatment water sampled by sampling pipe 21 reaches a specified concentration, the watercourse selection of valves 2 and 6 and valves 9 and 13 are switched, causing raw water to flow through second water softener 11. First water softener 4 is regenerated by salt water from a salt water chamber 14. The resulting water softening device prevents the leaking of hardness components, even with there is a fluctuation in 10 the water quality of the raw water or when there is performance deterioration in the ion exchange resin.

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